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THE PORT AUTHORITY of NY & NJ

To Robert J. Linn, Dep. Dir. - WT Dept. Room No. 63W - 1 WTC

From F. DiPaolo - WT Planning Room No. 63E - 1 WTC

Date 10/14/81

Re: WTC - RULES & REGULATIONS FOR WORKING ABOVE DROP CEILING

Copy: Agura(w/att.), Carlock, Censullo, Feld

The attached draft of rules (prepared by Jim Carlock) would apply to all ceiling construction work in Tower A and would be included in the form of a new Rider "E" on TAAs, TCAs, PA contract specs and in-house construction.

Those copied and I will be available to discuss further.

FD

PORT AUTHORITY OF N. Y. & N. J.
RECEIVED
OCT 30 1981
WORLD TRADE DEPARTMENT
DEP. D.D. PHYS P.A.

/ap
Attach.

PLAINTIFF'S EXHIBIT
PX-652

RULES AND REGULATIONS FOR WORKING ABOVE DROP CEILINGS
AT THE WORLD TRADE CENTER

All contractors will be permitted to work above drop ceilings at the World Trade Center only under the following conditions so as to minimize the redistribution of dust and other airborne particulates:

1. Prior to starting work, all horizontal surfaces shall be covered with polyethylene sheets. Where surfaces may be walked upon, the sheets shall be at least 6 mils. All sheets shall be taped in place.

2. The first tile shall be carefully removed so that the inside surface is minimally disturbed. Tipping of the tile shall be avoided to prevent any dust or other particles from sliding off. The tile shall then be examined and, if loose particles are found, the entire area of tile to be removed shall be vacuumed with WTC-approved vacuum cleaners prior to its removal. If carefully handled so as to not disturb the loose particles, the tiles may be removed without vacuuming and stored above the adjacent remaining ceiling tiles. Broken tiles shall be placed in polyethylene bags without raising dust and taken from the work area for removal. Salvable removed tiles shall be carefully stacked and may be stored in the area providing such storage does not interfere with maintenance or tenant operations.

3. While working in the area, each employee shall wear respiratory protective equipment as approved by OSHA. Eye protection and hard hats shall be used as appropriate.

4. No smoking, eating or drinking shall take place within the room where ceiling work is taking place.

5. All steel within the ceiling interstice has been sprayed with insulation and, where necessary, sealed to secure any friable surfaces. However, abrasions or penetrations of this material may loosen and expose undesirable particulate. Therefore, workmen shall be cautioned and carefully supervised to assure that their activities will not cause such particulate to become airborne. Where necessary to remove, the material shall be carefully cut out and placed in polyethylene containers without permitting the material to drop to the floor or onto other surfaces. Wherever any of the material has been removed by design or accident, it shall be replaced by troweling an approved replacement in thicknesses to assure fireproofing equal to the original materials.

6. At the conclusion of the work at the end of each shift, ceiling tiles shall be replaced or the openings covered with paper or polyethylene so that the entire ceiling interstice is enclosed and can resume its function as a return plenum in the HVAC system. All floor and furniture protective covering shall be carefully folded to enclose any dust and then disposed of in polyethylene bags.

Furthermore, after the ceiling is secured, all vertical and horizontal surfaces shall be vacuumed to remove all dust including, but not limited to, carpets, tiles, drapes and furniture.

FD/ap
10/15/81